

## Azure marketplace

### The problem 1: No Doctors.

• All EU countries report a shortage of health care professionals.

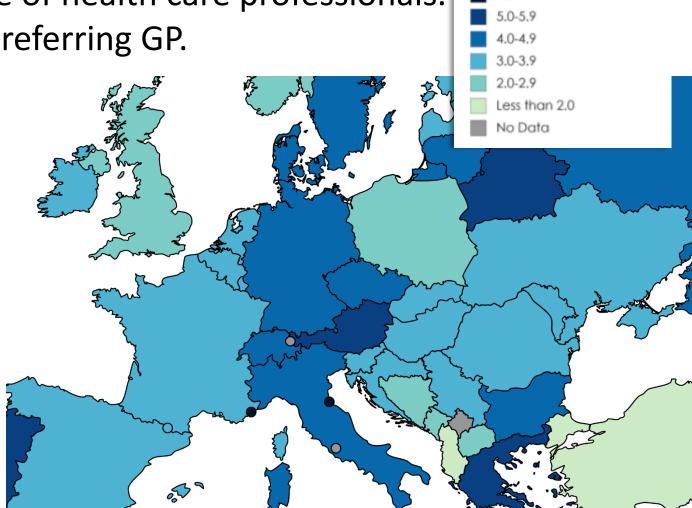
7 million people in France lack a referring GP.

• The UK, The Netherlands, France, it concerns all of us.

#### The research:

- <a href="https://op.europa.eu/en/publication-detail/-/publication/22189434-395d-11eb-b27b-01aa75ed71a1/language-en">https://op.europa.eu/en/publication-detail/-/publication/22189434-395d-11eb-b27b-01aa75ed71a1/language-en</a>
- <u>https://www.statista.com/topics/3752/doctors-and-medical-practitioners-in-europe/#topicOverview</u>





Physicians per 1,000 people

## The problem 2

- The doctor spends 30 to 60% of his/her time on notetaking
- The Doctor is not much more than just a bookkeeper with a side job; taking care of patients
- Languages; not understanding the patient
- Explain; to the patient what to do in normal wording
- Clinical notes; all wordings should be put in the Electronic Healthcare systems using clinical vocabularies like Snomed, Loinc and ICD





#### Welcome to HealthTalk

The AI-driven future of healthcare.

Imagine a world where physicians could reclaim 30% of their day, focusing on patient care rather than paperwork.

We harness AI to **digitize doctor-patient conversations** and automate reporting, seamlessly integrating clinical vocabularies like ICD, Snomed, and Loinc. As healthcare payment models grow intricate, data entry shouldn't hinder medical decisions.

Our secure, cloud-based system streamlines documentation and amplifies patient revenue. Step into the future with HealthTalk.

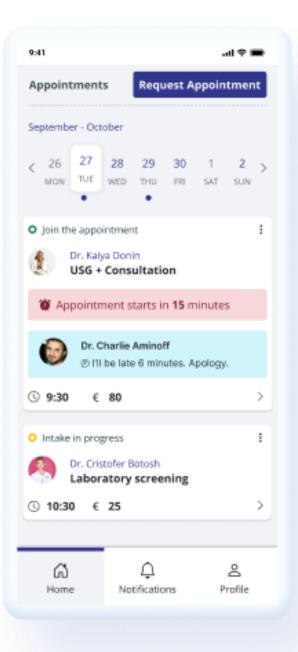




#### Step 1.

# Appointment Scheduling

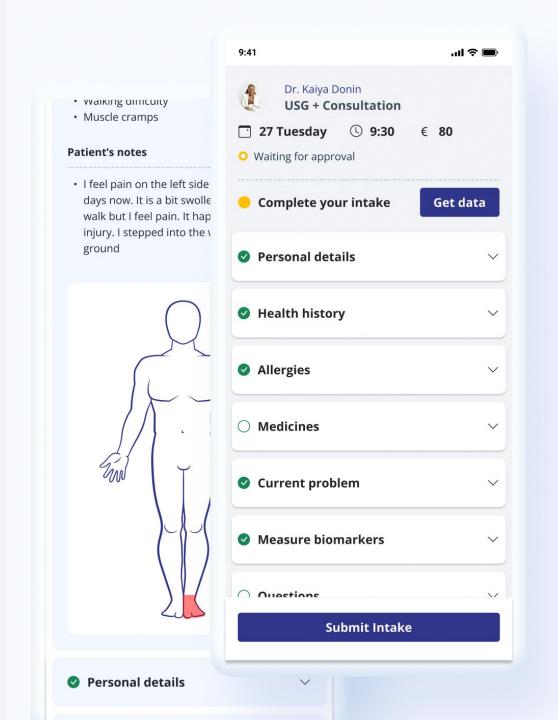
- Patients can book appointments with doctors in affiliated hospitals.
- Get appointments from all Dutch Hospitals using MedMij
- Connect to your own Hospital agenda





# Step 2. Intake

- We perform an extended intake that consists of the following modules:
- Based on the Hospitals' clinical workflow
- Get Data from all 8.400 Dutch healthcare institutes.
- Get data from any PGO (Personal Health **Environment)**
- Standardised and clinical validated questionnaires (PROM)





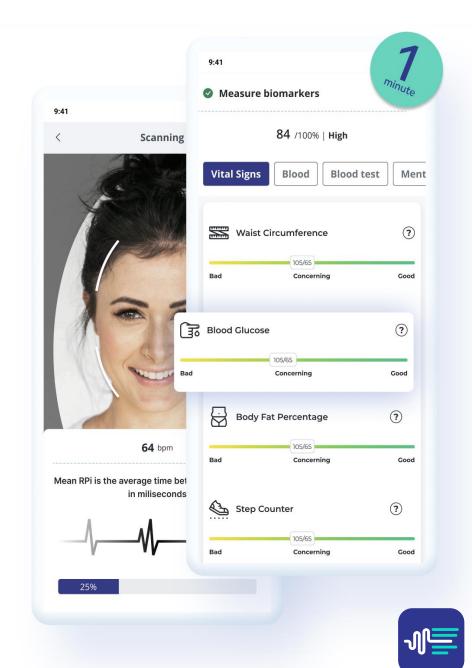
#### Step 3

#### **Collect Biomarkers**

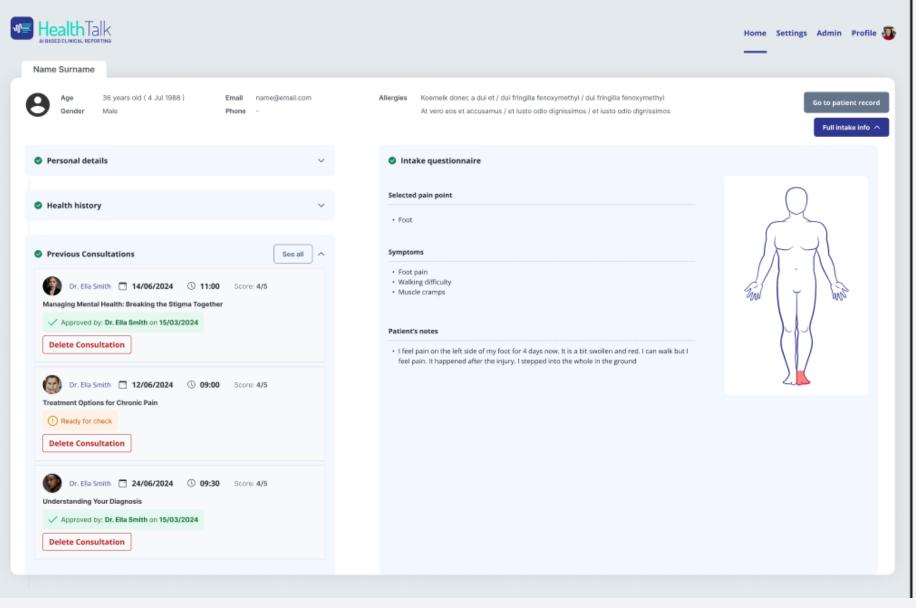
We are able to collect various vital signs using the camera of your mobile in just 1 minute including:

- Blood pressure
- Hearth rate
- Heart rate variability
- Oxygen saturation
- Breathing rate
- Sympathetic stress
- Parasympathetic activity
- Pulse-respiration quotient (PRQ)

Groundbreaking bloodless blood tests (under research) enable measuring hemoglobins, hemoglobin A1C, and cholesterol total. More additional blood tests coming soon



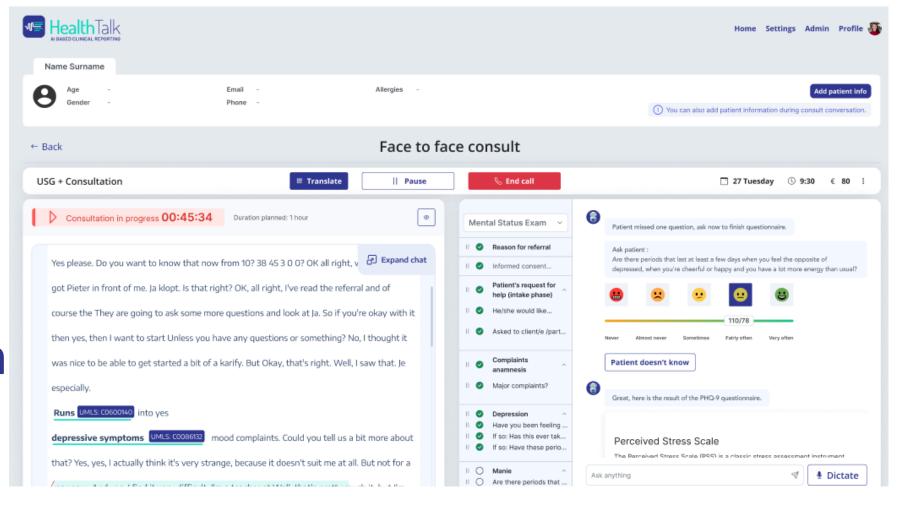
Step 4.
Patient
Summary



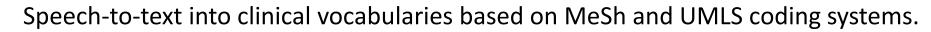


Based on all the user generated input, or from other Doctors, we will generate a simple and understandable summary for the Doctor just before the meeting

# Step 5. Doctors Consultation



Provide a mechanism for each healthcare provider and their patients to perform automated clinical note-taking.

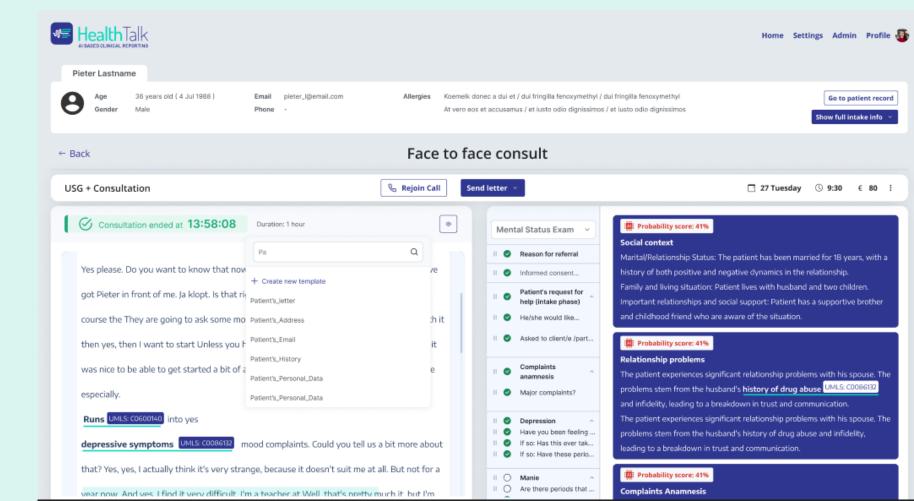


Automatically we move the spoken text into the SOEP (Subjective, Objective, Evaluate, and Plan) model



#### Step 6. Automated Reporting

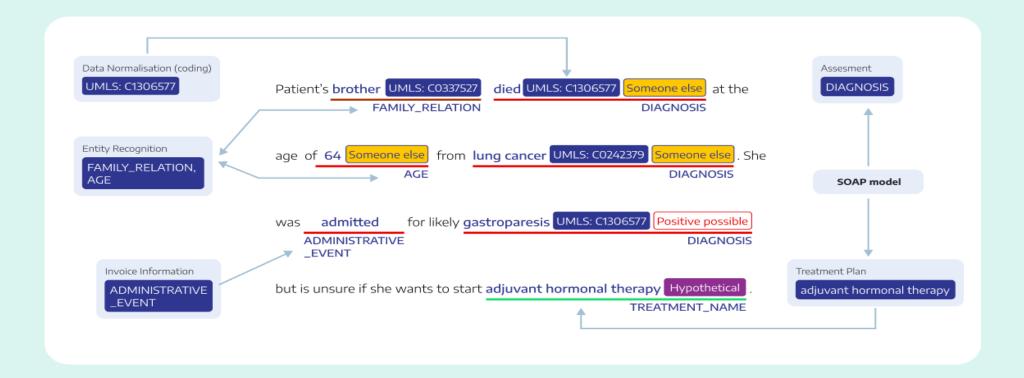
This letter or report will be sent to the healthcare provider (in technical format) to **include in their Health Records** systems or to the patient.





#### Step 6a.

Based on the clinical vocabularies that will be the input for patient and referral letters that could either be created automatically or dictated by the healthcare provider.



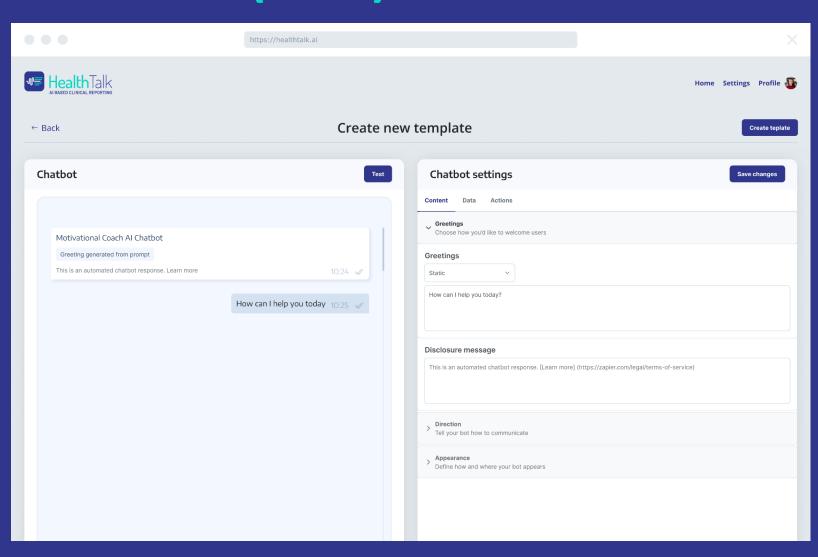


#### Next.

### Create your own clinical (chat)bot.

We are working (hard) on adding chat and bot technology to our stack.

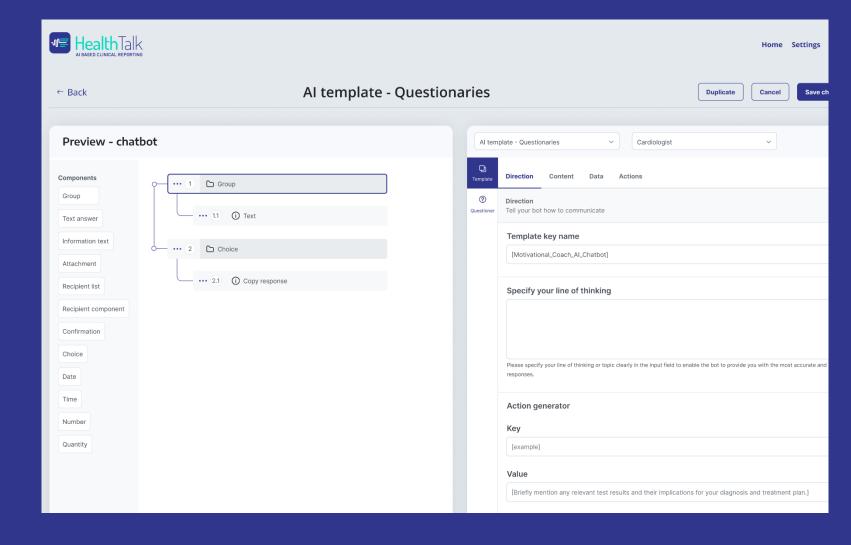
Send personalised updates to the user each day.





## Next. Forms on steroids.

Al and NLP based Questionnaire builder for any FHIR based backend.



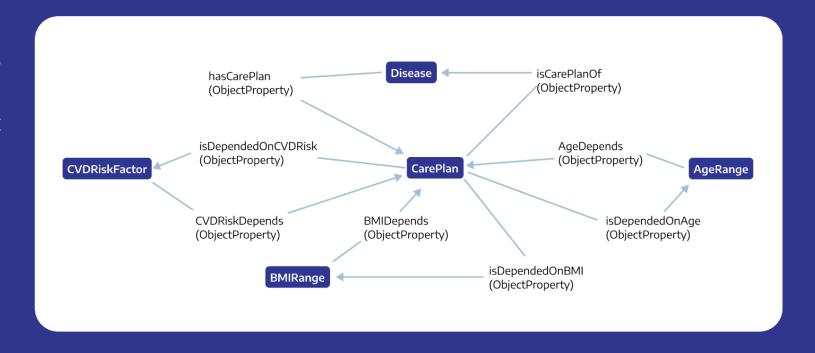


#### Next.

#### Automated Clinical Decision support.

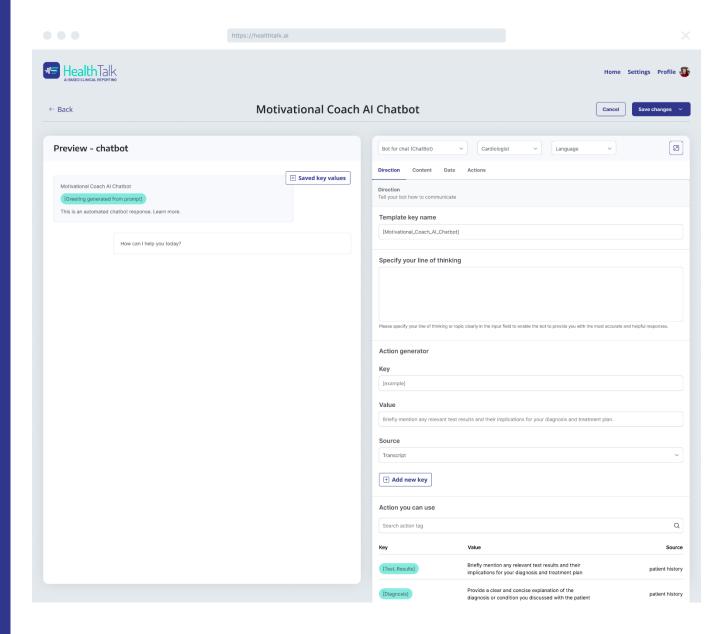
(In research phase)

Based on the clinical vocabularies we provide a query on PUBmed SUBmed to give the most relevant papers for the best Treatment suggestion.





# Chatbot builder on top of each FHIR based backend



#### The group of certified companies





#### eHealth Platform as a Service

Certified eHealth platform that serves as a boiler plate for other spin-off companies.
We have a team of 20 developers.

www.medrecord.io



#### Data Ownership

One of the 9 Dutch PGO's that is used to collect your medical data from healthcare institutions.

www.medsafe.io



#### P2P diabetes platform

Lifestyle intervention for Diabetes type II management.

www.clubdiabetes.nl



#### Al speech-totext

Al-based speech-totext into clinical reporting.

www.healthtalk.ai









## Questions?

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